Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 24 Jul 2023 until 23:59 on Tuesday 25 Jul 2023

Forecast Issued on Monday 24 Jul 2023 at 02:30

Confidence: High confidence in overall weather story, but much lower in details and timings of rain and showers Wednesday onwards.

Headline for Monday 24 Jul 2023: Patchy cloud clearing to sunny spells. Isolated showers developing through the day.

Mountain weather hazards on Monday 24 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
10%	10%	20%	20%	10%	<05%

Forecast for Monday 24 Jul 2023

Weather: Low cloud lying across higher slopes will soon lift and break. Fair weather cloud bubbling up to give a day of sunny intervals. Although much of the Dales will remain dry throughout, it is likely that one or two isolated showers will develop from late-morning. Any showers fading through the evening, leaving a dry night. Chilly under clearing skies.

Chance of cloud-free hill tops above 600m: 70% at first, perhaps 50% towards Barnard Castle. Becoming greater than 90% by late-morning.

Low Cloud and visibility: Banks of low cloud with bases around 500m lie across mostly north and northeast facing slopes around the A66 and the border with North Pennines AONB. Cloud will lift and break through the morning to be above summits. Bases then remaining above summits throughout, even in and around any showers. Visibility generally very good through the day, with only brief deteriorations to moderate in any afternoon showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Monday 24 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/17 NE	13/18 N	10/14 N	8/12 N	9/13 W	6/11 NW	5/7 W
300	11/20 N	11/19 N	9/15 N	8/13 N	7/13 NW	5/12 NW	3/7 NW
Valley	1/9 N	7/15 N	8/15 N	8/14 N	7/14 NW	2/8 NW	3/8 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/4	9/6	11/9	12/10	11/10	9/8	8/7
300	10/8	12/10	14/13	15/13	14/13	11/10	9/9
Valley	10/10	14/13	17/15	17/15	15/14	12/12	11/11
Freezing Level*	1700m	1700m	1800m	1900m	1900m	1800m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Conditions much improved compared to the weekend with plenty of fine weather and sunny spells. Due to recent rainfall, some watercourses are likely to still be swollen and surfaces slippery underfoot. High UV levels forecast this afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 24 Jul 2023	29mm	61mm	68.6mm

Forecast for Tuesday 25 Jul 2023

Weather: A bright start, feeling chilly in places under the clear skies. Gradually clouding over through the morning with sunny intervals and a few well-scattered showers through the afternoon. Showers easing off later into the evening, with clearing skies and late sunshine across western Dales.

Maximum wind: Northwest 10-20mph, isolated gusts up to 25-30mph during the afternoon.

Chance of cloud-free hill tops above 600m: 90% or more throughout.

Low Cloud and visibility: Some raggedy early cloud could briefly obscure some higher northern peaks, but quickly clearing. Cloud forming through the day staying comfortably above the summits. Visibility generally very good, dropping briefly to moderate in any showers.

Temperature: **Valleys:** Plus 9 Celsius, rising to Plus 16 Celsius.
At 600m: Plus 6 Celsius, rising to Plus 11 Celsius.
Freezing level: Above summits.

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